



Firmware Release Note

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D&I EnerVista Setup Software

Software Release v4.21

Release Notes

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Summary

GE Grid Automation releases D&I EnerVista Setup Software for the Multilin 8 Series and Multilin Agile Protection & Control Relays. Highlights of this release include the following:

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- Multilin 8 Series firmware versions 1.2x and below cannot be upgraded to firmware version 1.3x and above. Please contact us to upgrade the product.
- Multilin 8 Series firmware versions 3.x and below cannot be upgraded to firmware version 4.x. Please contact us to upgrade the product.
- Upgrade the firmware to version 3.03 by downloading the file directly from GE Grid Automation website:

[850 Feeder Protection System](#)

- The latest EnerVista 8 Series Setup software is available at the same location. The software supports Windows 7, 8.1, 10 and 11.
- Please contact your local Multilin sales representative or Multilin Customer Service Department for any questions regarding this upgrade.

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Relay reboots when retrieving service reports

Section:	Service Reports
Impact to customer:	Relays running firmware version 3.02 or earlier may occasionally reboot when service reports are retrieved using D&I Setup Software versions 4.13 through 4.20
Products Affected:	845, 850, 869, 889 running firmware v3.02 or lower
What changed?	In version 4.20 a new protocol support was added to read files from the relay, which occasionally failed validity checks and caused relay to reboot. In version 4.21 this protocol support has been removed, now files are read only using TFTP

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Replace .chm help files with .pdf files

Section:	Configuration Tool
Impact to customer:	CHM files replaced with PDF files.
Products Affected:	845, 850, 859, 869, 889
What changed?	CHM files replaced with PDF files

Offline - Communication settings

Section:	Configuration Tool
Impact to customer:	Users can now edit the following settings Offline: Modbus Compatibility, RS485 Baud Rate, RS485 Parity, RS485 Port Protocol.
Products Affected:	845, 850, 859, 869, 889
What changed?	Communication settings are editable in Offline Mode

Parallel Redundancy Protocol (PRP)

Section:	61850 Configuration
Impact to customer:	When Parallel Redundancy Protocol (PRP) is configured on ports 2 and 3, these ports should be logically combined into a single access point (S2), but they are still displayed as individual ports in CID.
Products Affected:	845, 850, 859, 869, 889
What changed?	Logic improvement in IEC61850 Configuration Tool

FlexLogic equation editor "Output Relays Voltage"

Section:	FlexLogic
Impact to customer:	Output Relay Voltage Monitoring operands missed from FlexLogic operand list.
Products Affected:	845, 850, 859, 869, 889
What changed?	Output Relay Voltage Monitoring operands added back into the FlexLogic operand list.

Modbus Protocol

Section:	Configuration Tool
Impact to customer:	Missing Ethernet port settings for '1P' Communication Order Code.
Products Affected:	845, 850, 859, 869, 889
What changed?	Logic improved to support '1P'.

Loss of Excitation

Section:	Configuration Tool
Impact to customer:	Loss of Excitation settings missed from the 889 Settings Tree.
Products Affected:	889
What changed?	Logic corrected to show Loss of Excitation settings.

User Map Parameters

Section:	Configuration Tool
Impact to customer:	'Compare Settings File' showing incorrect results.
Products Affected:	845
What changed?	Logic corrected for 'Compare Settings File'.

Conversion

Section:	Conversion
Impact to customer:	The following errors were corrected - File conversion from 3.0x to 2.9x not supported - RTD Settings not converting properly - GOOSE Reception settings removed during conversion - Converting 750 to 850 – selected the wrong curve type settings - Converting v2.40 to v4.10 was not properly configuring Phase TOC and Ground TOC settings 750 to 850 conversion summary not correct
Products Affected:	845, 850, 859, 869, 889
What changed?	Logic corrected for converting settings files

Preferences - Setting File Transfer - Write Comms Range

Section:	Configuration Tool
Impact to customer:	Preferences not clearly indicating the firmware revision that supported the writing of communication settings.
Products Affected:	845, 850, 859, 869, 889
What changed?	Preferences dialog updated to show the firmware version.

RMIO RRTD Configuration

Section:	Configuration Tool
Impact to customer:	Issues with configuring RMIO RRTD with an offline CID file.
Products Affected:	845, 850, 859, 869, 889
What changed?	Logic corrected.

XFMR Thermal Capacity Setpoint

Section: Configuration Tool
Impact to customer: Customer could not edit 'Xfmr Thermal Capacity' setting
Products Affected: 845
What changed? Logic improved to allow the setting to be modified.

Invalid IP Mask

Section: Conversion
Impact to customer: Issue creating an 869 file from a 369 settings file, where the IP addresses are not defaulted in the 369 settings file.
Products Affected: 869
What changed? Logic corrected.

User Map Parameters

Section: Configuration Tool
Impact to customer: 850 User Modbus Map not showing correct descriptions
Products Affected: 850
What changed? Logic corrected.

Copy Error from Group 1 to Group 2

Section: Configuration Tool
Impact to customer: Customer not able to copy from Group 1 to Group 2.
Products Affected: Multilin Agile
What changed? Logic corrected to support copying of Groups.

Phase OV, Neutral OV, and V/Hz missed Reset Rate settings

Section: Conversion
Impact to customer: Customer familiar with 489 does not see similar configuration for 'Reset Rate' on the 889.
Products Affected: 889
What changed? Logic updated.

Upgrade impact

No Known issues.

For Further Assistance

For questions or further product support, please contact the GE Grid Automation support team using:

Region	E-mail	Telephone
Global Contact Centre	GA.support@GE.com	+44 1785 250070
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